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182721

From: Steadman, David (AU1652)
Sent: Tuesday, March 21, 2006 8:43 AM
To: STIC-Biotech/ChemLib
Subject: 10/617,334 sequence search request

NAME: David Steadman
AU: 1656
Date: 3/21/06
Office: Remsen 2B05
Mailbox: Remsen 3C70

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STIC

Please search the following sequence in commercial databases:

- 1) Standard search of amino acids 1-60 of SEQ ID NO:1 against nucleic acid databases.
- 2) Standard search of amino acids 1-60 of SEQ ID NO:1 against amino acid databases.

Please save results to diskette.

Thank you very much.

David J. Steadman, Ph.D.
Primary Examiner
Art Unit 1656
Protein Crystallography and Recombinant Enzymes
Office: Remsen 2B05
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Phone: (571) 272-0942

Searcher: _____
Searcher Phone: _____
Date Searcher Picked up: _____
Date completed: _____
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Online Time: _____

Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
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Vendors and cost where applicable
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Search Strategy for 10/617,334

(FILE 'HOME' ENTERED AT 17:59:27 ON 26 MAY 2006)

FILE 'REGISTRY' ENTERED AT 17:59:41 ON 26 MAY 2006

L1 E "GLYBURIDE"/CN 25
2 S E3 OR E4
E "ABCA1"/CN 25
L2 2 S E2 OR E4
E "ABC1"/CN 25

FILE 'MEDLINE, AGRICOLA, CAPLUS, BIOSIS, EMBASE, WPIDS' ENTERED AT
18:01:22 ON 26 MAY 2006

L3 3376 S ABCA1 OR ABC1
L4 809 S L3 AND (CARDIOVASCULAR OR HEART OR CORONARY)
L5 330 S L4 AND (TREAT? OR PREVENT?)
L6 18 S L5 AND (LIPID (W) TRANSPORT)
L7 12 DUP REM L6 (6 DUPLICATES REMOVED)
L8 269 S L4 AND ((LIPID (W) TRANSPORT) OR (CHOLESTEROL (W) EFFLUX))
L9 160 DUP REM L8 (109 DUPLICATES REMOVED)
L10 97 S L9 AND HDL
L11 43 S L9 AND HDL-CHOLESTEROL
L12 34 S L10 AND (CORONARY (W) ARTERY (W) DISEASE)
L13 222 S L3 AND (CARDIOVASCULAR (W) DISEASE)
L14 1 S L1 AND ((CARDIOVASCULAR (W) DISEASE) AND HDL AND (CORONARY (W)
L15 19 S L1 AND ((CARDIOVASCULAR (W) DISEASE) AND HDL)
L16 7 S L1 AND (LOW (W) HDL)
L17 23 S L14 OR L15 OR L16
L18 21 DUP REM L17 (2 DUPLICATES REMOVED)
L19 0 S L18 AND L3

FILE 'CAPLUS' ENTERED AT 18:09:35 ON 26 MAY 2006

E HAYDEN M R/AU 25
L20 37 S (E3 OR E42) AND (ABC1 OR ABCA1)
L21 36 S (E3 OR E42) AND ((ABC1 OR ABCA1) AND (CHOLESTEROL OR HDL OR C
E BROOKS WILSON A R/AU 25
L22 11 S (E3 OR E4 OR E5 OR E6) AND ((ABC1 OR ABCA1) AND (CHOLESTEROL
E PIMSTONE S N/AU 25
L23 17 S (E3 OR E4 OR E5)
L24 5 S (E3 OR E4 OR E5) AND ((ABC1 OR ABCA1) AND (CHOLESTEROL OR HDL
L25 36 S L21 OR L22 OR L24

=>

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	"6713300".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 12:15
S2	2114	glyburide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 10:40
S3	724	(glyburide or DIDS or sulphobromophthaleine) and (cardiovascular adj disease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 10:46
S4	144	(glyburide or DIDS or sulphobromophthaleine) and (cardiovascular adj disease)	USPAT	OR	OFF	2006/05/24 10:46
S5	0	S3 and (glyburide or DIDS or sulphobromophthaleine).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 10:46
S6	125	S3 and (glyburide or DIDS or sulphobromophthaleine).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:43
S7	2	"6015541".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:46
S8	100229	polyvinylacetate or (cellulose adj acetate adj butyrate) or nitrocellulose or (urethane near2 carbonate) or (styrene near2 maleic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S9	24152	S8 and (gold or tungsten or platinum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S10	4497	S9 and (dimethylsulfoxide or dmso)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S11	7915	(polyvinylacetate or (cellulose adj acetate adj butyrate) or nitrocellulose or (urethane near2 carbonate) or (styrene near2 maleic)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49
S12	430	S11 and (gold or tungsten or platinum).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:49

EAST Search History

S13	34	S12 and (dimethylsulfoxide or dmsol). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 14:50
S14	25	S13 and contrast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:06
S15	2	"6756031".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:37
S16	849	tetrahymena adj thermophila	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:38
S17	8	S16 and squalene	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:40
S18	0	S16 and tetrahymenol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:40
S19	8	S16 and tetrahymanol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/24 15:40
S20	48	S16 and cyclase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 06:54
S21	463	lanolin and ((guerbet adj alcohol) or (secondary adj alcohol))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 06:55
S22	3	lanolin near5 ((guerbet adj alcohol) or (secondary adj alcohol))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 07:06
S23	2	"6630134"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 06:56
S24	17	lanolin and ((guerbet adj alcohol) or (secondary adj alcohol)) and transesterification	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 08:12

EAST Search History

S25	32	(abca1 or abc1) and (hayden.in. or wilson.in. or pimstone.in. or brooks.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:12
S26	13	S25 and (cardiovascular.clm. or coronary.clm. or hdl.clm.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 12:16
S27	2007	Glibenclamide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:12
S28	167	S27.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:13
S29	16	S27.clm. and cardiovascular.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:14
S30	260	S27 and cardiovascular and coronary and hdl	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:14
S31	241	S30 and (method near5 (treating or treatment))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:17
S32	19	S30 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:19
S33	3506	glyburide or Glibenclamide or Glybenclamide or Daonil or Diabeta or HB-419 or HB419 or HB-420 or HB420 or Maninil or Micronase or Neogluconin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:46
S34	526	S33.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:22
S35	123	S34 and coronary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:22
S36	45	S35 and (coronary adj artery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:31

EAST Search History

S37	526	S33.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:32
S38	118	S37 and hdl\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:32
S39	114	S38 and cholesterol	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 14:42
S40	25	S38 and hdl\$.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 13:32
S41	0	"199836755".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 14:46
S42	2	"9836755".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 14:49
S43	7	whitcomb.in. and glitazone	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:34
S44	29	(animal adj model) near2 (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:36
S46	5187	(animal adj model) and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:36
S47	2397	(mouse adj model) and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:36
S48	126	model near2 (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:37
S49	0	mouse and glyburide near2 (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:37

EAST Search History

S50	597	mouse and glyburide and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:38
S51	38	mouse and glyburide.clm. and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:41
S52	67	mouse and glyburide.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:43
S53	0	(NOD adj mouse) and glyburide.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:43
S54	12	(NOD adj mouse) and glyburide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:44
S55	3506	glyburide or Glibenclamide or Glybenclamide or Daonil or Diabeta or HB-419 or HB419 or HB-420 or HB420 or Maninil or Micronase or Neogluconin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:46
S56	816	S55 and mouse and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:46
S57	51	S55.clm. and mouse and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:55
S58	1	S55.clm. and mouse.clm. and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:50
S59	96	S55.clm. and (mouse or mice or murine) and (diabetes adj mellitus)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:57
S60	58	S59 not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:56
S61	515	S55 and (mouse or mice or murine) and ((diabetes adj mellitus) and NIDDM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:58

EAST Search History

S62	67	S55.clm. and (mouse or mice or murine) and ((diabetes adj mellitus) and NIDDM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:58
S63	129	S55.clm. and (mouse or mice or murine) and ((diabetes adj mellitus) or NIDDM)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 15:59
S64	33	S63 not (S58 or S59)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:15
S65	3506	glyburide or Glibenclamide or Glybenclamide or Daonil or Diabeta or HB-419 or HB419 or HB-420 or HB420 or Maninil or Micronase or Neogluconin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:16
S66	425	(animal adj model) and (mouse or mice or murine) and ((diabetes adj mellitus) or niddm) and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:18
S67	16	(animal adj model) and (mouse or mice or murine) and ((diabetes adj mellitus) or niddm) and S65.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:16
S68	29	(animal adj model) and (mouse or mice or murine) and ((diabetes adj mellitus) or niddm).clm. and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 16:18



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#51	Search #13 AND #7 AND #50 Limits: Publication Date to 1999/03/15	16:24:36	25
#50	Search "Mice"[MeSH] Limits: Publication Date to 1999/03/15	16:20:54	526874
#49	Search #44 and #13 Limits: Publication Date to 1999/03/15	16:14:13	4
#44	Related Articles for PubMed (Select 7489831)	16:13:54	499
#48	Search model mouse niddm glyburide Limits: Publication Date to 1999/03/15	16:13:40	3
#47	Search animal model mouse niddm glyburide Limits: Publication Date to 1999/03/15	16:11:57	5
#46	Search animal model mouse niddm Limits: Publication Date to 1999/03/15	16:11:44	196
#43	Search ueda nsy model Limits: Publication Date to 1999/03/15	16:08:41	2
#33	Search #13 AND #7 AND (mouse or mice) Limits: Publication Date to 1999/03/15	16:01:13	26
#24	Search #19 AND #13 Limits: Publication Date to 1999/03/15	13:10:50	350
#20	Search #19 AND #13	13:09:58	589
#21	Search #20 AND (#10 OR #9)	13:09:31	4
#19	Search "Cardiovascular Diseases"[MeSH]	13:08:46	1330381
#14	Search #13 AND #11	13:07:15	38

<u>#13</u> Search "Glyburide"[MeSH]	13:06:54	<u>4299</u>
<u>#11</u> Search #7 AND (#9 OR #10)	13:06:37	<u>2300</u>
<u>#10</u> Search "Lipoproteins, HDL Cholesterol"[MeSH]	13:06:18	<u>14163</u>
<u>#9</u> Search "Lipoproteins, HDL"[MeSH]	13:06:02	<u>24211</u>
<u>#7</u> Search "Diabetes Mellitus"[MeSH]	13:05:41	<u>198110</u>
<u>#4</u> Related Articles for PubMed (Select 11097426)	06:47:24	<u>101</u>
<u>#2</u> Search #1 AND review	06:46:44	<u>23</u>
<u>#1</u> Search methods for modulating transcription	06:46:07	<u>248</u>

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1: Glyburide

An antidiabetic sulfonylurea derivative with actions similar to the chlorpropamide.

Year introduced: 1992

Subheadings: This list includes those paired at least once with this heading in MEDLINE and may not reflect current rules for allowable combinations.

☐ administration and dosage ☐ adverse effects ☐ analogs and derivatives ☐ analysis ☐ antagonists and inhibitors ☐ blood ☐ chemical synthesis ☐ chemistry ☐ contraindications ☐ diagnosis ☐ use ☐ economics ☐ immunology ☐ isolation and purification ☐ metabolism ☐ pharmacokinetics ☐ pharmacology ☐ physiology ☐ poisoning ☐ standards ☐ therapeutic use ☐ toxicity ☐ urine

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Registry Number: 10238-21-8

Entry Terms:

- Glibenclamide
- Glybenclamide
- Daonil

- Diabeta
- Euglucon 5
- Euglucon N
- HB-419
- HB 419
- HB419
- HB-420
- HB 420
- HB420
- Maninil
- Micronase
- Neogluconin

Previous Indexing:

- Hypoglycemic Agents (1966-1970)

Pharmacologic Action:

- Anti-Arrhythmia Agents
- Hypoglycemic Agents

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